

EXECUTIVE SUMMARY

An application for renewal of the Title V Permit V-97-050 Revision II for the East Kentucky Power Cooperative Inc.-Hugh L. Spurlock Power Station was received on June 8, 2004. The permit renewal is combined with renewals of the Phase II Acid Rain, and the NO_x Budget permits, and is combined with a major modification for construction of boiler Unit 04 (Emission point 17).

Eastern Kentucky Power Cooperative (EKPC) as operator, submitted an air permit application dated September 13, 2004 seeking a permit to construct a new 300 megawatt (MW) net nominal (2800 mmBtu/hr) generating unit (Emission Unit 17) at its existing Spurlock Generating Station located at Maysville in Mason County, Kentucky. In response to comments from the Division for Air Quality (DAQ), the National Park Service (NPS), and the U. S. EPA, additional information was received from EKPC on December 22, 2004, May 12, 2005, May 26, 2005, August 24, 2005, October 27, 2005, November 9, 2005, November 16, 2005, December 8, 2005, December 21, 2005, January 13, 2006 and January 20 2006. The application was considered to be administratively complete upon receipt of the revised modeling information on January 20, 2006.

The issuance of a federally enforceable permit requires a preliminary determination and public notice. The Division has done this. An advertisement was placed in the Maysville Ledger Independent on February 16, 2006 announcing the public comment period. A second advertisement was placed in the Marysville Ledger Independent on February 24, 2006, announcing a public hearing. The Division for Air Quality received comments on the draft permit during the public hearing in Maysville, Kentucky on March 30, 2006. Comments were received during the 30-day public comment period, and the Division's responses to them are in the 'Response to Comments' Attachment A.

In conclusion, analysis has been made of all relevant information available which pertains to this application. The Division has concluded that the proposed operation and construction will comply with all air quality regulations and requirements. Therefore, a final determination has been made to issue a proposed permit which will become final upon approval by the U.S. EPA.